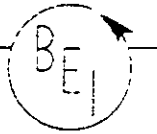


BLYMYER

ENGINEERS, INC



August 28, 1989
BEI Job No. 89070

Mr. Lester Feldman
SAN FRANCISCO BAY REGIONAL
WATER QUALITY CONTROL BOARD
1111 Jackson Street
Room #6000
Oakland, CA 94607

SUBJECT: GROUNDWATER SAMPLING
1301 - 65TH STREET
EMERYVILLE, CALIFORNIA

Dear Mr. Feldman:

This letter and its enclosures constitute the third quarterly groundwater sampling report for the subject facility as recommended in our Initial Subsurface Investigation and Tank Removal Soils Report dated July 14, 1988.

The existing monitoring well (MW-1) was sampled on August 8, 1989. The well was purged prior to sampling by removal of three well casing volumes. A representative sample was obtained with a clean PVC bailer and placed in two 40-ml volatile organics vials. The water sample was placed in a cooler, delivered to Trace Analysis Laboratory and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and benzene, toluene, xylenes and ethylbenzene (BTXE).

TPH as gasoline, benzene and ethylbenzene were detected in the sample in concentrations of 0.24 mg/l, 0.021 mg/l and 0.0052 mg/l, respectively. Toluene and xylenes were not detected in the sample. A copy of the analytical report is attached.

Cordially,

BLYMYER ENGINEERS, INC.

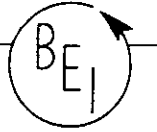
Michael S. Lewis
Environmental Specialist

MSL/ds

cc: Mr. Ed Peterson
Mr. Robert Coussan
Mr. Charles Gensler
Joseph Armao, Esq.
Mr. Lawrence C. Jones, Jr.

Enclosures

Groundwater Monitoring Data form dated 8/8/89
Purge Data form dated 8/8/89
Chain of Custody Record
Laboratory Analytical Report dated 8/23/89
Site Plan



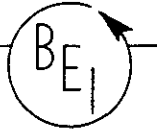
GROUNDWATER MONITORING DATA

Project Name Peterson - Emeryville Project No. 89070
 Date August 8, 1989 Field Technician ML/RW Sheet 1 of 1
 Weather Overcast Temperature 65 F Wind Slight

WELL ID	TOC ELEV.	DTW	DTP	PT	PT x .8	ADJ. DTW	WATER ELEV.
<u>MW-1</u>	<u>NA</u>	<u>4.03'</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

TOC = TOP-OF-CASING
 DTW = DEPTH TO WATER
 DTP = DEPTH TO PRODUCT
 PT = PRODUCT THICKNESS

COMMENTS:
Water was moderately silty with slight petroleum odor.



PURGE DATA

Project Name Peterson - Emeryville Project No. 89070

Date August 8, 1989 Field Technician ML/RW Sheet 1 of 1

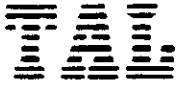
<u>WELL ID</u>	<u>WELL VOLUME NO.</u>	<u>pH</u>	<u>TEMPERATURE (C)</u>	<u>CONDUCTIVITY (umhos)</u>
<u>MW-1</u>	<u>0</u>	<u>6.45</u>	<u>24.2</u>	<u>1142</u>
	<u>1</u>	<u>6.42</u>	<u>21.0</u>	<u>1184</u>
	<u>2</u>	<u>6.50</u>	<u>20.1</u>	<u>1242</u>
	<u>3</u>	<u>6.50</u>	<u>20.1</u>	<u>1223</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
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<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
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<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

Note: One well volume equals three gallons.

BEI Field Services
 1829 Clement Avenue
 Alameda, CA 94501

CHAIN OF CUSTODY RECORD

PROJ NO 89070		PROJECT NAME Peterson - Emeryville			NO OF CON-TAINERS	TPH as gasoline + BTXE	TPH as diesel	Oil & Grease (SM503E)	VOC (EPA 624/8240)	Semi-VOC (EPA 625/8270)	HOLD	REMARKS
SAMPLERS (Signature) Michael S. L. / Roman S. Wondel												
DATE	TIME	COMP.	GRAB	SAMPLE LOCATION								
8-8-89	1015		X	Bailer Blank	2						X	2 - 40ml VOA's w/Hcl
8-8-89	1042		X	MW-1	2	X						2 - 40m VOA's w/Hcl
Relinquished by: (Signature) Michael S. L. Roman S. Wondel		Date/Time 8/8/89 1440		Received by: (Signature) <i>[Signature]</i> TAL		Relinquished by: (Signature)		Date/Time		Received by: (Signature)		
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Relinquished by: (Signature)		Date/Time		Received by: (Signature)		
Relinquished by: (Signature)		Date/Time		Received for Laboratory by: (Signature) ↓		Date/Time		Remarks 10 day TAT Bill to Blymyer Engineers				



DATE: 8/23/89
LOG NO.: 7704
DATE SAMPLED: 8/8/89
DATE RECEIVED: 8/8/89



CUSTOMER: Blymyer Engineers
REQUESTER: Michael Lewis
PROJECT: No. 89070, Peterson - Emeryville

Sample Type: Water

<u>Method and Constituent</u>	<u>Units</u>	<u>MW-1</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/l	240	30
Modified EPA Method 8020:			
Benzene	ug/l	21	2
Toluene	ug/l	< 2	2
Xylenes	ug/l	< 7	7
Ethyl Benzene	ug/l	5.2	2

Dan Farah

Dan Farah, Ph.D.
Supervisory Chemist

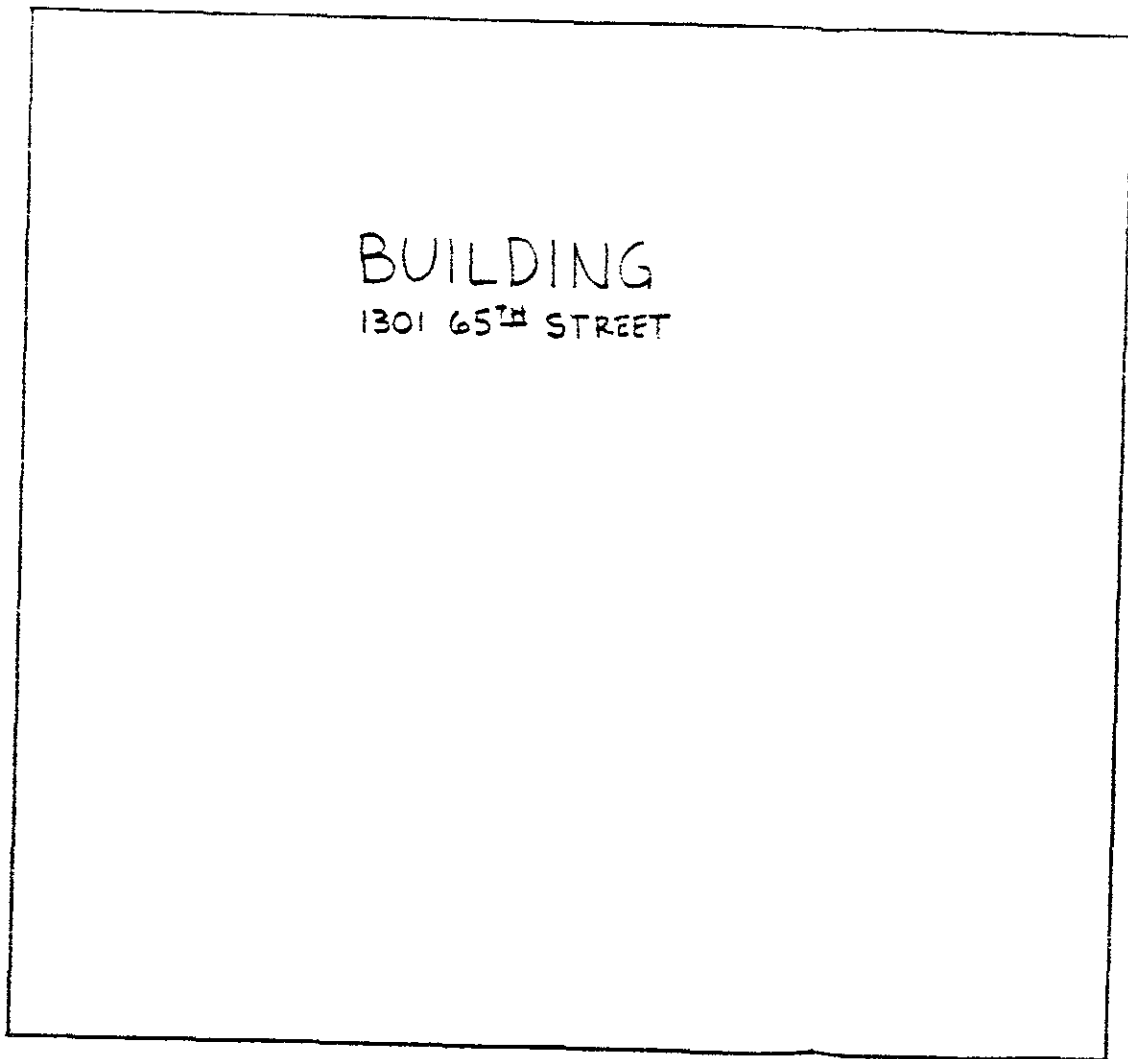
DF:slr

65TH STREET

UTILITY POLE
(TYPE 2 LOCATION)
TANK
EXCAVATION

MW-1
⊗

HOLLIS STREET



BUILDING
1301 65TH STREET

N ↑

⊕

BLYMYER & SONS ENGINEERS, INC. 1829 CLEMENT STREET • ALAMEDA CA 94501	
SCALE 1" = 30'-0"	FOR HENRY HORN & SONS
DRAWN DEJ	TITLE
DATE 6-16-88	
CHECKED	
APPROVED	
JOB NO 8897.1	DRAWING NO